REMARKS

In response to the Office Action mailed on June 6, 2002, Applicant has submitted proposed four pages of substitute drawings, amended the Specification and the Abstract, amended claims 1, 7 and 8, and added new claims 9 through 17. New claims 9 through 17 are fully supported by the Specification and no new material has been added to the Specification with these claims. Claims 1 through 17 are currently pending. Reexamination and reconsideration of the present application is respectfully requested.

In the Drawings

The Examiner objected to the drawings as including foreign language text. The proposed substitute drawings submitted herewith have the text submitted originally in French translated into English and marked in red. No new material has been added in the proposed drawings. Acceptance of the proposed substitute drawings is respectfully requested.

In the Specification

In the Specification, the Examiner objected to use of the term "restitution" in the first paragraph of page 2. This paragraph has been amended to replace restitution with display. The scope of the Specification has not been enlarged by the use of the replacement term. Acceptance of the Specification as amended is respectfully requested.

In the Abstract

The Examiner objected to the form and content of the Abstract. A substitute Abstract has been provided in this Amendment and Response. Acceptance of the Abstract is respectfully requested.

In the Claims

Procedural Rejections

The Examiner rejected claims 1 through 8 under 35 U.S.C. §112, second paragraph as being indefinite. The rejection is respectfully traversed.

Claim 1 has been amended to state that the graphic object is defined by at least one field and that the graphic image is displayed on the screen. Claims 2 through 6 were rejected as

depending from a rejected base claim. Claim 7 has been amended to clarify that the updated graphic screen will be shown on the screen. Claim 8 has been amended to remove the means language and to replace the term "restitution."

With claims as amended, Applicant submits that claims 1 through 8 are definite and in condition for allowance.

The Examiner rejected claims 1 through 8 under 35 U.S.C. §101 as being directed to non-statutory subject matter. This rejection is respectfully traversed.

Applicant does not agree with the Examiner's characterization that claim 1 is a method claim that does nothing more than manipulates basic mathematical constructs. However, due to the amendments to these claims, Applicant submits that this rejection is moot. Claim 1, as amended, is directed to data signals, not methods. Further, Applicant disagrees with the Examiner's assertion that a graphic scene is an abstract idea. The Examiner is directed to the Specification at page 2, line 31 to page 3, line 15, for a definition of the structure and content of a scene. Claims 2 through 6 were rejected as depending from rejected claim 1. Applicant submits that claim 1, as amended, is directed to appropriate statutory subject matter and is in condition for allowance. Applicant further submits that claims 2 through 6 depend from an allowable base claim and are in condition for immediate allowance.

Applicant does not agree with the Examiner's characterization that claim 7 is a method claim that does nothing more than manipulates basic mathematical constructs. However, due to the amendments to these claims, Applicant submits that this rejection is moot. Claim 7 recites, in part, a method updating or replacing a graphic scene through the transmission of a data signal including frames for up-dating the graphic scene and which may include commands to replace an existing graphic scene with a new scene. Applicant submits that claim 7, as amended, is a method for accomplishing more than manipulation of basic mathematical constructs. Thus, Applicant submits claim 7 is directed to statutory subject matter and is in condition for immediate allowance.

Applicant does not agree with the Examiner's characterization that claim 8 failed to define the apparatus to allow consideration of the means apart from their functions. However, due to the amendments to claim 8, Applicant submits that this rejection is moot. Applicant submits that claim 8, as amended, adequately defines the apparatus apart from the function.

Thus, Applicant submits that claim 8, as amended, is directed to appropriate statutory subject matter and is in condition for immediate allowance.

Substantive Rejections

The Examiner rejected claims 1 through 8 under 35 U.S.C. 102(e) as being anticipated by Maystrovsky et al., U.S. Patent No. 5,850,535. This rejection is respectfully traversed.

Claim 1 as amended recites, in part, a data signal including frames, the frames for updating a graphic scene and certain frames including commands for the replacement of an existing graphic scene with a new graphic scene. The Examiner states that Maystrovsky discloses and teaches the replacement of a graphic scene. Applicant respectfully disagrees with this statement. Maystrovsky is directed to a method of updating a first version of a model in a CAD system with a second version of the *same* model (see col. 1 line 65, to col. 2, line 28, italics added). Maystrovsky is generally directed to a method of recording the history and sequence of changes made to a single CAD model and updating a view of the single model with a modified view of the same model. Claim 1 relates to a data signal that may have a command to replace an existing scene, analogous to a first model, with a new graphic scene, analogous to a second model. This replacement of models is neither disclosed nor suggested by Maystrovsky.

For at least these reasons, Applicant submits that claim 1 is not anticipated by the cited prior art and is on condition for immediate allowance. Claims 2 through 6 depend from and further limit claim 1. For at least the reasons stated above with regard to claim 1, Applicant submits that claims 2 through 6 are not anticipated by the cited prior art and are in condition for immediate allowance.

Claim 7, as amended, recites, in part, a method for the transmission of a signal including frames that may include commands for replacement of an existing graphic scene with a new graphic scene. As stated above with regard to claim 1, Maystrovsky does not teach or suggest the replacement of one model with another model but displaying different views of the same model. For at least these reasons, Applicant submits that claim 7 is not anticipated by the cited prior art and is in condition for immediate allowance.

Claim 8 as amended recites, in part, a terminal for processing a data signal including frames, which may include commands for replacement of an existing graphic scene with a new graphic scene. As stated above with regard to claim 1, Maystrovsky does not teach or suggest

the replacement of one model with another model but displaying different views of the same model. For at least these reasons, Applicant submits that claim 8 is not anticipated by the cited prior art and is in condition for immediate allowance.

Respectfully submitted,
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Date: December 6, 2002

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MARKED UP VERSION TO SHOW CHANGES MADE

In the Specification

Please enter the following paragraph in place of the paragraph beginning at page 2, line 1:

The field of the invention is that of the [restitution] <u>displaying</u> of animated graphics scenes, for example, on a multi-media terminal. More precisely, the invention relates to the modification of animated scenes, that is to say, the carrying out of point changes, remotely commanded, for example, by a remote server, of a graphic scene [restituted] <u>displayed</u> on a terminal.

In the Abstract

Please enter the following in place of the abstract:

<u>A data signal for modifying a graphic scene displayed on at least one terminal, the graphic scene mode of a set of graphic objects and each object defined by at least one field. The data signal includes frames containing information for updating the graphic scene. Some of the frames also contain a command to completely replace the graphic scene with a new scene. Further, a method of transmitting a data signal to modify a graphic scene displayed on a terminal. Also, a terminal for displaying a graphic scene, the terminal processing a signal for modifying the graphic scene.</u>

In the Claims

Please enter amended claims 1, 7 and 8 as follows:

1. (AMENDED) Data signal for modifying a graphic scene <u>to be displayed on a screen of at least one terminal, said graphic scene being</u> made of [an assembly] <u>a set</u> of at least one graphic object, <u>each of said graphic objects being</u> defined by at least one field,

said objects [corresponding to primitives used by the means of] <u>being used in said at least one terminal for</u> constructing an image [, to show] <u>corresponding to</u> said graphic scene<u>, to be displayed</u> on [at least one] <u>said</u> screen, [intended for image construction means that can be shown (16) on at least one screen, characterized in that]

11

said signal [comprises] <u>including</u> frames for up-dating [(13)] the graphic scene,

<u>wherein</u> certain of said frames [including] <u>include</u> a command [(63,64)] for replacement of [the] <u>an</u> existing graphic scene by a new graphic scene.

7. (AMENDED) <u>Method of transmission of a data signal for modifying a graphic scene</u>
<u>to be displayed on a screen of at least one terminal, said graphic scene being made of a set of at</u>
<u>least one graphic object, each of said graphic objects being defined by at least one field,</u>
<u>said objects being used in said at least one terminal for constructing an image,</u>
<u>corresponding to said graphic scene, to be displayed on said screen,</u>
<u>said signal including frames for up-dating the graphic scene,</u>
<u>wherein certain of said frames include a command for replacement of an existing graphic</u>
<u>scene by a new graphic scene.</u> [data for up-dating a graphic scene intended to be shown (16) on
at least one screen, characterized in that it comprises a step (13) of up-dating said graphic scene,
in which one provides the transmission of frames for up-dating said graphic scene that carry at
least one of the commands belonging to the group comprising the following commands :
- insertion of an element of said graphic scene
- modification of an element of said graphic scene
- deletion of an element of said graphic scene
- replacement (63, 64) of the existing graphic scene by a new graphic scene.]

8. (Amended) A [device] <u>terminal</u> (16) for the <u>processing of a data signal for modifying</u>
<u>a graphic scene to be displayed on a screen of said terminal, said graphic scene being made of a</u>
<u>set of at least one graphic object, each of said graphic objects being defined by at least one field,</u>
<u>said objects being used in said at least one terminal for constructing an</u> <u>image,</u>
<u>corresponding to said graphic scene, to be displayed on said screen,</u>
<u>said signal including frames for up-dating the graphic scene,</u>
<u>wherein certain of said frames include a command for replacement of an existing graphic</u>
<u>scene by a new graphic scene,</u>
<u>and wherein said terminal includes means for receiving and processing said command for</u>
<u>replacement, so as to delete said existing graphic scene and to display the entirety of said new</u>
<u>graphic scene as a result of a sole command.</u> [restitution of a graphic scene, intended to be shown

on at least one screen, characterized in that it comprises means of up-dating said scene, from frames (13) for updating said graphic scene, that carries at least one of the commands belonging to the group comprising the following commands:

- insertion of an element of said graphic scene;
- modification of an element of said graphic scene;
- deletion of an element of said graphic scene;
- replacement (63, 64) of the existing graphic scene by a new graphic scene.]